

Attorney Docket Number: FSP0036
Title: EXPANDABLE SCAFFOLD WITH WHEEL LOCK
Application Number: 10/712,350

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Claims

Claims 1-15 are cancelled, without prejudice.

16. (New) A scaffold comprising:

a platform assembly comprising at least one first shelf fixed to a first side of the scaffold and mounted to slide under at least one second shelf fixed to a second side of the scaffold;
the first shelf having side rails formed to slide into side sleeves of the second shelf.

17. (New) The scaffold of claim 16, further comprising:

a locking mechanism to lock at least one side rail of the first shelf to at least one side sleeve of the second shelf.

18. (New) The scaffold of claim 17, the locking mechanism further comprising a pin and a spring.

19. (New) The scaffold of claim 16, further comprising:

the first and second shelves mounted to sleeves fitted over vertical legs; and
locking mechanisms to secure the sleeves at different vertical locations along the legs.

20. (New) The scaffold of claim 16, further comprising:

at least one telescoping safety rail parallel with the first and second shelves.

21. (New) The scaffold of claim 16, the telescoping platform further comprising:

the side rail of the first shelf comprising a flange to support the first shelf;
the side rail of the first shelf comprising a flange to support the second shelf; and
the sleeve of the second shelf comprising a gap through which the flange of the first shelf protrudes.

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22. (New) The scaffold of claim 16, further comprising:

a transition to alleviate the abruptness of an edge between the first and second shelves.

23. (New) The scaffold of claim 16, further comprising:

at least one leg comprising a rod;

a spring to urge the rod through an aperture in a caster and into contact with a wheel; and

the aperture formed to pass the rod in limited orientations of the rod with respect to the caster.

24. (New) The scaffold of claim 23, further comprising:

the rod comprising corners and the aperture comprising points.

25. (New) The scaffold of claim 23, further comprising:

the rod comprising a handle positioned such that a worker on the platform assembly may use the handle to lift the rod out of contact with the wheel and clear of the aperture.

26. (New) A scaffold comprising:

a platform assembly comprising at least one first shelf fixed to a first side of the scaffold and mounted to slide under at least one second shelf fixed to a second side of the scaffold;

the first shelf having side rails formed to slide into side rails of the second shelf;

at least one leg comprising a rod;

a spring to urge the rod through an aperture in a caster and into contact with a wheel; and

the rod comprising a substantially square cross section and the aperture comprising one of eight and sixteen points.